

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D5090-041	DUCT ASSEMBLY
2	2	D5090-1	BRACKET
3	2	D5090-3	BRACKET
4	16	MS20470AD4-5	RIVET, SOLID, PAN HEAD

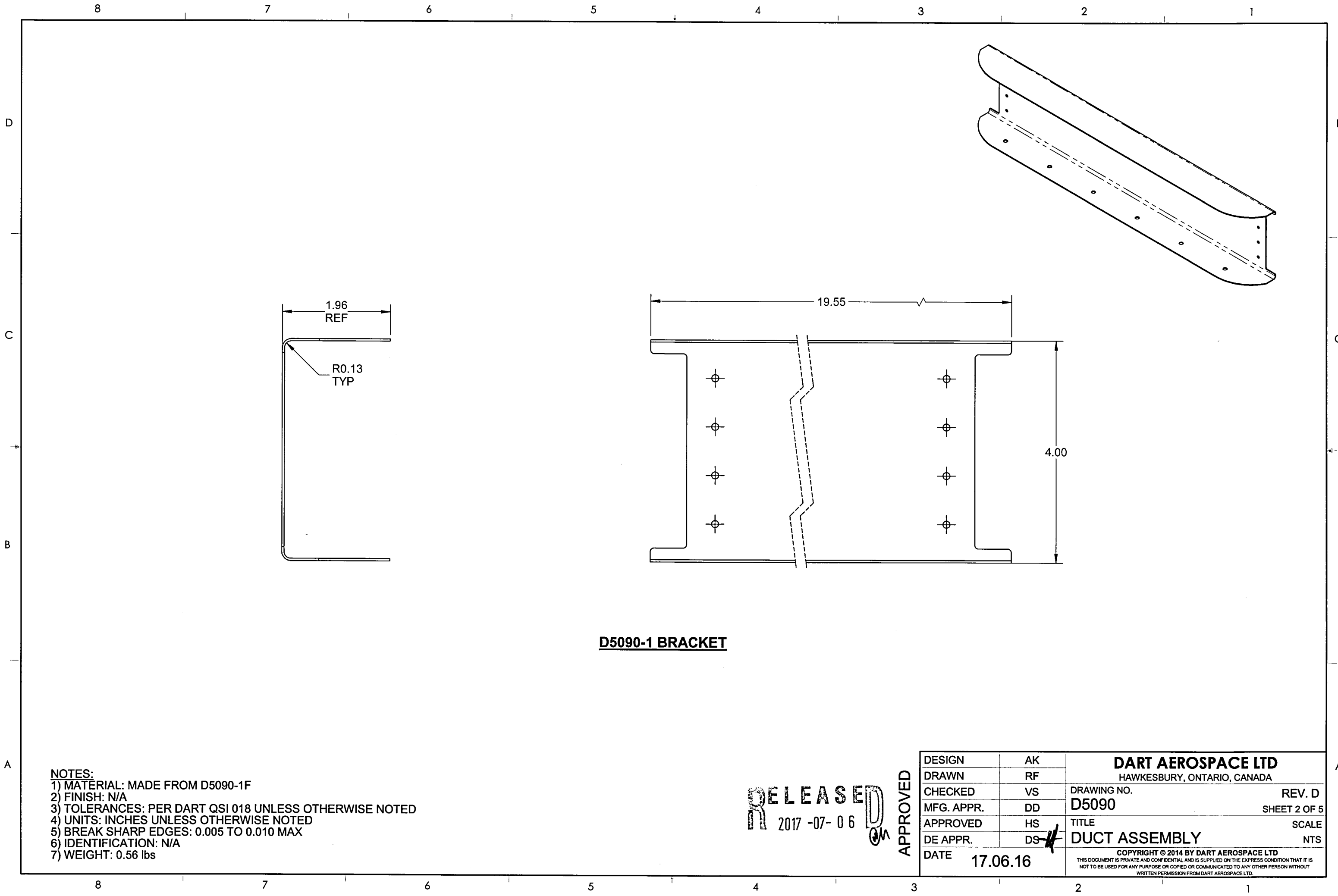
D5090-041 DUCT ASSEMBLY

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 AFTER TRANSFER DRILLING
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.86 lbs
 - 8) ASSEMBLE D5090-041 WITH CLECO CLAMPS AND VERIFY DIMENSIONS
 - 9) INSTALL MS20470AD4-5 RIVETS
 - 10) FILL UPPER AND LOWER GAPS WITH SIKAFLEX, PROSEAL 890 OR EQUIVALENT, 4 PL

RELEASED
2017-07-06
EW 17-582

APPROVED

D	REMOVED Ø0.201 HOLES FROM -3F, REF CAR17-169	RF	17.06.16
C	REVISED D5090-1 DIMENSION (ZN C4-2). REVISED D5090-1 GEOMETRY (ZN C2-2 AND ZN C5-2). REVISED NOTE 7 (ZN A8-2 AND ZN A8-3). REVISED D5090-3 DIMENSION (ZN C3-4). ADDED DETAIL A (ZN C4-1). REVISED NOTE 10 (ZN A8-1). REMOVED FLAG NOTE FROM TOP VIEW (ZN C7-1)	AK	14.11.25
B	REVISED D5090-3 TO ADD HOLES (ZN C6-4, ZN B5-5)	AK	14.06.27
A	NEW ISSUE	AK	14.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	AK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	DUCT ASSEMBLY	NTS
DATE	17.06.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D5090-1 BRACKET

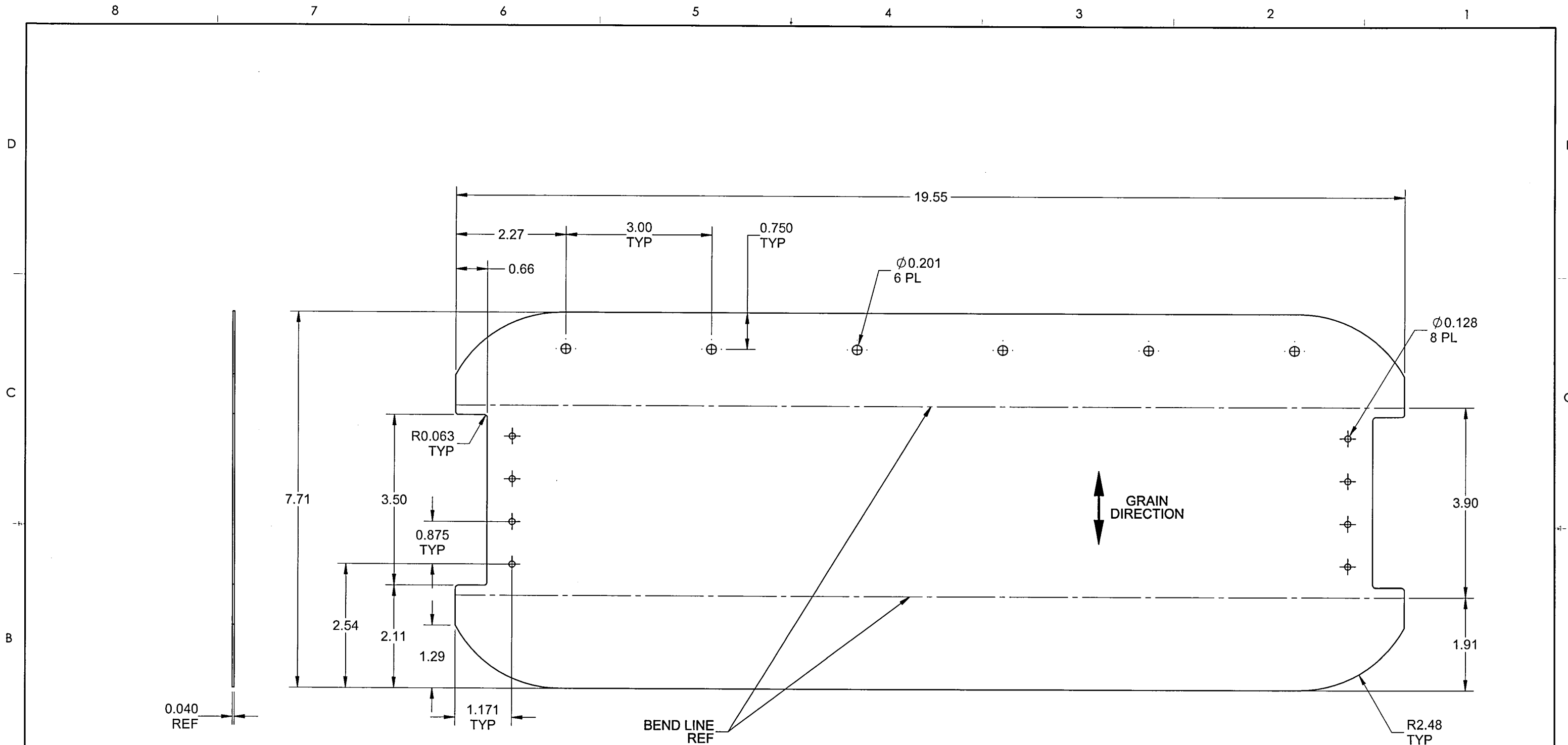
NOTES:

- 1) MATERIAL: MADE FROM D5090-1F
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.56 lbs

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2017-07-06

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DESIGN	AK	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 2 OF 5
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D5090-1F FLAT PATTERN

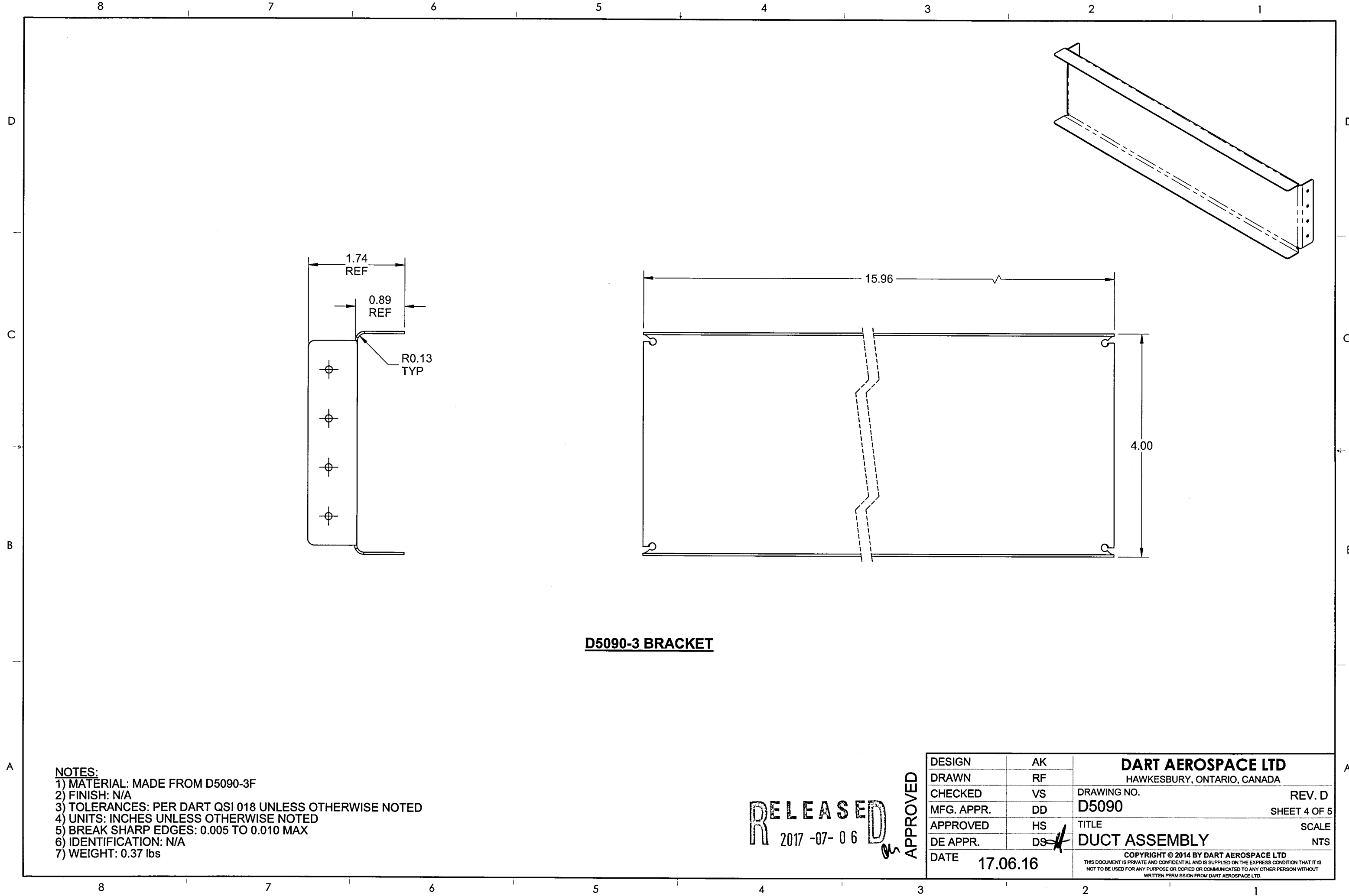
NOTES:

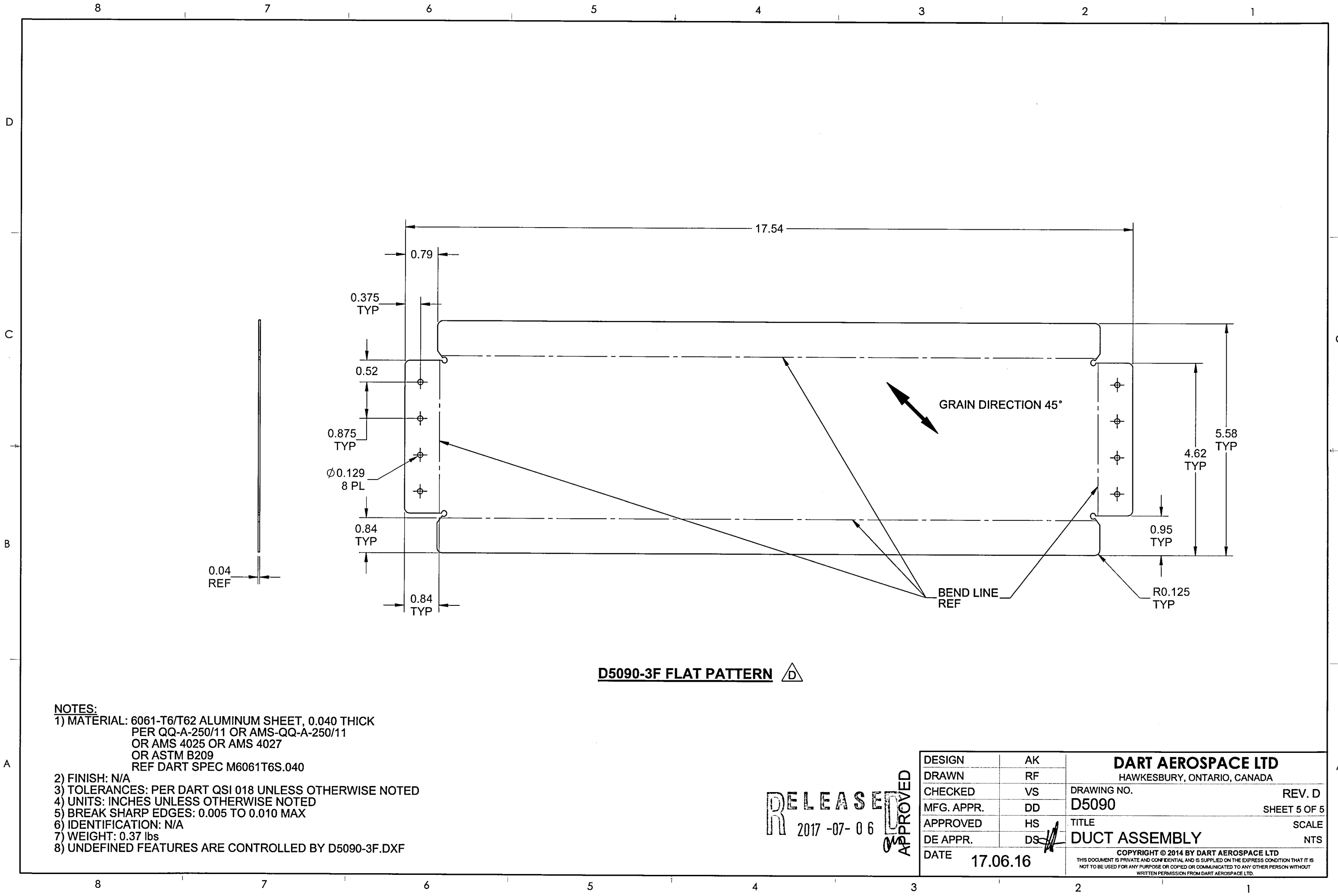
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.56 lbs

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2017-07-06
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DESIGN	AK	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 3 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	DUCT ASSEMBLY	NTS
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NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.37 lbs
- 8) UNDEFINED FEATURES ARE CONTROLLED BY D5090-3F.DXF

D5090-3F FLAT PATTERN

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2017-07-06

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CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	DUCT ASSEMBLY	NTS
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